

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A method of accessing documents stored on a first computer system through a second computer system, the first and second computer systems connected in a network environment, said method comprising:

storing at the second computer system an identity information document from the first computer system, the identity information document comprising a user-friendly handle identifying a principal and a machine location for of the first computer system;

intercepting at the second computer system a request for access to documents from a user of the second computer system when the request includes is directed to the user-friendly handle;

replacing at the second computer system the user-friendly handle of the request with the machine location; and

sending the request for access to documents to the machine location of the first computer system.

2. (Original) The method of claim 1 wherein the user-friendly handle comprises an email address.

3. (Currently Amended) The method of claim 1 wherein the machine location comprises and an IP address.

4. (Original) The method of claim 1 wherein the machine location comprises a public key.

5. (Original) The method of claim 1 wherein the request for access to documents comprises a principal-initiated request.

6. (Currently Amended) The method of claim 1 further comprising an initial step of receiving at the second computer system the identity information document from the first computer system.

7. (Currently Amended) A method of publishing documents between a plurality of nodes, the nodes connected in a network environment, said method comprising:

    sending an identity information document from a publishing node to an accessing node, the identity information document comprising a user-friendly handle identifying a principal and a machine location for the publishing node;

    storing the identity information document on the accessing node;

    resolving at the accessing node the user-friendly handle with the machine location in a request for access to documents, wherein the request is made from a user of the accessing node to the publishing node; and

    sending the request for access to documents from the accessing node to the publishing node.

8. (Original) The method of claim 7 wherein the user-friendly handle comprises an email address.

9. (Original) The method of claim 7 wherein the user-friendly handle comprises a telephone number.

10. (Original) The method of claim 7 wherein the machine location comprises an IP address.

11. (Original) The method of claim 7 wherein the machine location comprises a public key.

12. (Original) The method of claim 11 further comprising:

using the public key to determine the current machine location for the publishing node.

13. (Original) The method of claim 11 further comprising:  
registering an encrypted machine name and a registered machine location for the publishing node with a DNS server;  
resolving the user-friendly handle with the public key;  
converting the public key to the encrypted machine name;  
using the encrypted machine name to look up the registered machine location for the publishing node on the DNS server; and  
sending the request for access to documents to the registered machine location.

14. (Original) The method of claim 7 further comprising:  
verifying that the accessing node has authorization from the publishing node to review the requested documents before publishing the requested documents.

15. (Original) The method of claim 7 further comprising:  
delivering a path name for documents stored on the publishing node to the accessing node.

16. (Original) The method of claim 15 wherein the path name is delivered to the accessing node by email.

17. (Original) The method of claim 7 further comprising:  
delivering a path name for documents stored on the publishing node to a principal of the accessing node.

18. (Original) The method of claim 17 wherein the path name is delivered to the principal of the accessing node by a telephone call.

19. (Original) The method of claim 7 wherein the resolving step further comprises:  
intercepting the request for access to documents when the request is directed to the user-friendly handle;

finding a matching identity information document having a user-friendly handle that  
matches the user-friendly handle in the request;

determining the machine location from the matching identity information document; and  
amending the request to substitute the user-friendly handle with the machine location.

20. (Original) The method of 7 further comprising:  
delivering a path name combined with the user-friendly handle to the accessing node; and  
parsing the path name from the user-friendly handle prior to resolving the user-friendly  
handle with the machine location.

21. (Original) The method of claim 20 further comprising:  
adding the path name to the request for access to documents before sending the request to  
the publishing node.

22. (Original) The method of claim 7 wherein the identity information document  
further comprises more than one machine location for principal identified by the user-friendly  
handle.

23. (Currently Amended) A method of using a user-friendly handle to access  
documents stored on a first computer system in a network environment, the method comprising:  
storing at a second computer system an identity information document from the first  
computer system, the identity information document comprising a user-friendly handle  
identifying a principal of the first computer system and a machine location for of the first  
computer system;

intercepting a request for access to documents in the form of documents from a user of the second computer system, the request for access to the documents including the user-friendly handle;

amending at the second computer system the request for access to the documents to replace the user-friendly handle with the machine location of the first computer system; and

sending the amended request to for access to the documents to the machine location of the first computer system.

24. (Original) The method of claim 23 wherein the user-friendly handle is an email address.

25. (Original) The method of claim 23 wherein the machine location comprises an IP address.

26. (Original) The method of claim 23 wherein the machine location comprises a public key.

27. (Original) The method of claim 26 further comprising:  
using the public key to determine the current machine location for the publishing node.

28. (Original) The method of claim 23 further comprising an initial step of:  
receiving the identity information document from the first computer system.

29. (Currently Amended) The method of claim 23 further comprising the step of  
receiving published documents from the first computer system.

30. (Currently Amended) A computer system comprising:

a storage module for storing an identity information document received from a second computer system, the identity information document comprising a user-friendly handle identifying a principal and a machine location for the second computer system;

a communication module communicatively connected to the storage module for generating requests from a user for access to documents stored on the second computer system;  
and

a name resolution module communicatively connected to the storage module and the communication module for intercepting the requests from the user for access to documents stored on the second computer system ~~at the user friendly handle~~ and amending ~~the~~ each request to replace the user-friendly handle with the machine location.

31. (Original) The computer system of claim 30 wherein the user-friendly handle is an email address.

32. (Original) The computer system of claim 30 wherein the machine location comprises an IP address.

33. (Original) The computer system of claim 30 wherein the machine location comprises a public key.

34. (Original) The computer system of claim 30 further comprising:  
a communication module connected to the name resolution module for sending and receiving communications to and from the second computer system.

35. (Currently Amended) A computer program data product readable ~~medium~~ by a computing system and encoding a computer program of instructions for executing a computer process for name resolution, said computer process comprising:

storing an identity information document from a publishing computer system, the identity information document comprising a user-friendly handle identifying a principal and a machine location for the publishing computer system;

receiving instructions from a user of the accessing computer system to generate a request for access to documents stored on the publishing computer system;

intercepting ~~a~~ the request for access to documents stored on the publishing computer system, wherein the request contains the user-friendly handle; and

amending ~~at the accessing computer system~~ the request to replace the user-friendly handle with the machine location.

36. (Original) The computer process of claim 35 wherein the user-friendly handle comprises an email address.

37. (Original) The computer process of claim 35 wherein the machine location comprises an IP address.

38. (Original) The computer process of claim 35 wherein the machine location comprises a public key.

39. (Original) The computer process of claim 38 further comprising:  
using the public key to determine the current machine location for the publishing node.

40. (Original) The computer process of claim 38 further comprising:  
registering an encrypted machine name and a registered machine location for the publishing node with a DNS server;  
resolving the user-friendly handle with the public key;  
converting the public key to the encrypted machine name;  
using the encrypted machine name to look up the registered machine location for the publishing node on the DNS server; and

sending the request for access to documents to the registered machine location.

41. (Original) The computer process of claim 40 wherein the converting step comprises performing an algorithm on the public key.

42. (Original) The computer process of claim 35 wherein the identity information document further comprises more than one machine location for principal identified by the user-friendly handle.